

- 45 -

ABSTRACT

In a method for manufacturing a grain-oriented electrical steel sheet using steel containing less than 100 ppm of Al and 50 ppm or less each of N, S, and Se as a starting material, purification annealing is performed at 1050°C or more, the partial pressure of hydrogen in the atmosphere being adjusted to 0.4 atm or less in a temperature range above 1170°C for a purification annealing conducted at a temperature above 1170°C, or 0.8 atm or less in a temperature range of 1050°C or more for a purification annealing conducted at a temperature of 1170°C or less, to prevent deterioration of the bend properties due to the impurities.